



Medical

BLOOD FILTRATION TECHNOLOGY

Pall *AL3*

Arterial Blood Filter for Paediatric Use

Features

- Very low prime volume 28 mL
- Low pressure drop
- Flow rate up to 3 L/min
- Clinically proven 40 µm lock-woven polyester screen filter
- 175 cm² filter area using unique *Ultipleat* technology
- Non-turbulent tangential flow path
- All parts optically clear
- Easy prime technology
- No potting resins or adhesives
- Port design allows connection to 3/16" or 1/4" tubing

Benefits

- Reduces prime volume and exposure to foreign surfaces
- Very easy to prime and debubble
- Minimal blood trauma



The World's Smallest Paediatric
Arterial Blood Filter

Filtration. Separation. Solution.SM



Pall AL3
Arterial Blood Filter for Paediatric Use

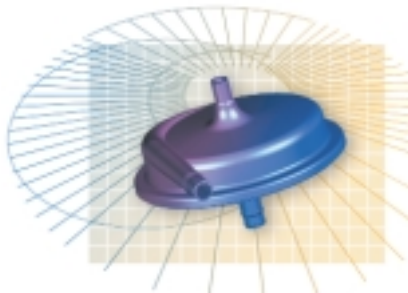
Key design aspects include:

- Clinically proven 40 µm lock-woven polyester screen filter*.
- Computational Fluid Dynamics (CFD) and Magnetic Resonance Imaging (MRI) technologies have been employed to develop a non-turbulent tangential flow path reducing rheological stress and potential blood damage.
- Computer Aided Design (CAD) has been used to:
 - i. make the filter as easy to prime and debubble as possible.
 - ii. reduce prime volume as low as possible (28 mL).
- Constructed totally from optically clear material ensuring that the user can confirm that complete debubbling has been achieved.
- Enhanced biocompatibility has been achieved by physical modification of the filter surface.

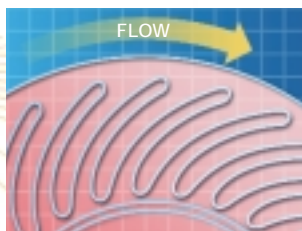
*Data available on request from Pall Medical.

Research and Development

Improved protection - by design



The **Pall AL3** filter has been developed utilising CAD, CFD and MRI technologies to significantly enhance overall performance of arterial blood filtration in paediatric extracorporeal use.



The **Pall AL3** incorporates unique *UtiPleat* technology to maximise filter area while minimising filter volume.



Ordering Information

Reorder Code	Description	Packaging
AL3S	Pall AL3 Arterial Blood Filter (sterile)	5 units per case
AL3NS**	Pall AL3 Arterial Blood Filter (non-sterile)	20 units per case
FH1	Filter Holder	1 unit

**This product is sold only as a component.

Manufactured by



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